ELECTRIC DOWNDRAFT COOKTOP FEATURES AND SPECIFICATIONS

MODEL #	SINGLE CVEX4100	DOUBLE CVEX4270	TRIPLE CVEX4370
Overall Width (in)	19 ¼	30 15/16	42 19/32
Overall Depth (in)	21 ⅛	21 ⅛	21 ⅛
Cutout Width (in)	18 11/16 ± 1/16	30 7/16 ± 1/16	41 31/32 ± 1/16
Cutout Depth (in)	20 9/16 ± 1/16	20 9/16 ± 1/16	20 9/16 ± 1/16
Blower Assembly Clearance (below countertop)[A] (in)	17 ½ min.	17 ½ min.	17 ½ min.
Total Connected Load[B] KW (see chart below)	4.35	8.45	12.80
Jenn-Air Platinum Warranty	•	•	•
Downdraft Ventilation[C]	•	•	•
Indoor Grilling	1 Bay	2 Bays	2 Bays
Energy Saver Grill Element with Savorizer™ Liner Pan[D]	•	•	•
Excalibur® Finish Grill Grates with Color Coordinated Grill Covers[E]	•	•	•
Accepts Optional Cartridges	•	•	•
Accepts Grill/Cooktop Accessories	•	•	•
Countertop Installation	•	•	•
Island/Peninsula Installation	•	•	•
Single Cooktop	•		
Double Cooktop		•	
Triple Cooktop			•
PerimaVent™ Downdraft Ventilation System	•	•	•
Variable-Speed Ventilation Fan	•	•	•
Backlit Controls	•	•	•
Color Indicators *(add to end of model number)* B=Black, W=White	B,W	B,W	B,W
Available in Canada		•	
Approximate Shipping Weight (lbs./kg)	55 / 25	69 / 31	84 / 38

- Feature included.

A. Blower can be swiveled 90° and vented down through cabinet or out back wall.
B. All models are UL listed for 3-wire 120/240 VAC.
C. Can vent up to 60 equivalent feet.
D. Energy Saver grill element has independent control of front and rear sections of grill (2800 watts).
E. Excalibur® is a registered trademark of Whitford Corp. Color-coordinated grill covers are tempered glass.

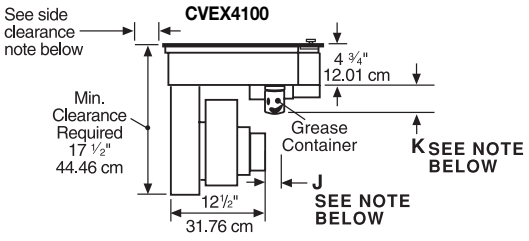
NOTE: Double gas cooktop, Model CVGX2423, may be combined with single electric grill cooktop, Model CVEX4100. Electric cooktop may be placed on either side of gas cooktop and accepts Expressions™ Collection electric cartridges and electric grill accessories. Trim Support Bracket, Model AO918, is required to combine the cooktops.

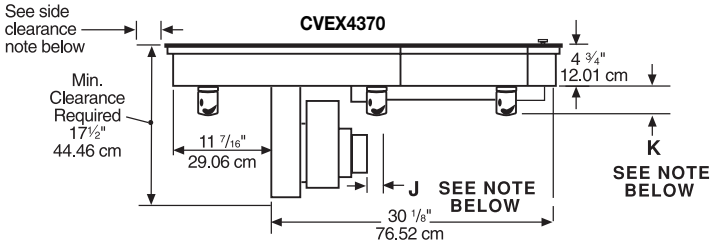
All Jenn-Air® appliances are appropriately UL, AGA, CSA or CGA approved.

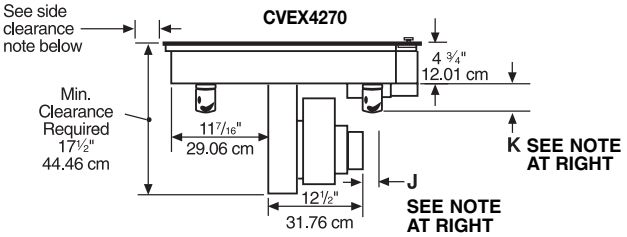
CIRCUIT PROTECTION SPECIFICATION GUIDE

Recommended Minimum		
K.W. Rating On Serial Plate	Circuit Protection In Amperes	Wire Size AWG
0 – 4.8	20	12
4.9 – 6.9	30	10
7.0 – 9.9	40	8
10.0 – 11.9	50	8
12.0 – 14.9	60	6

ELECTRIC DOWNDRAFT COOKTOP DIMENSION DIAGRAMS




See side clearance note below
CVEX4370
4 3/4" 12.01 cm
Min. Clearance Required 17 1/2" 44.46 cm
11 7/16" 29.06 cm
J SEE NOTE BELOW
K SEE NOTE BELOW
30 1/8" 76.52 cm


See side clearance note below
CVEX4270
4 3/4" 12.01 cm
Min. Clearance Required 17 1/2" 44.46 cm
11 7/16" 29.06 cm
K SEE NOTE AT RIGHT
J SEE NOTE AT RIGHT
12 1/2" 31.76 cm

NOTES

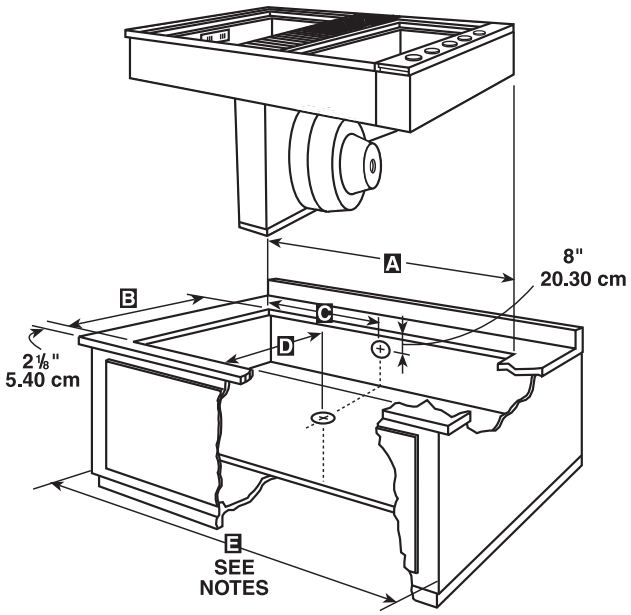
Dimensions shown in both Inches and Centimeters.
Dimension "J" – Provide 2" minimum (5.08 cm) cabinet clearance to motor for cooling purpose.
Dimension "K" – Provide 6 ¼" min (15.88 cm) required for removal of (supplied) grease container(s).
Installed dimension for (supplied) grease container(s) is 5 ½" (13.97 cm).

Side Clearance – Grills installed near a side wall must allow a minimum clearance of 6" (15.24 cm) between cooktop and side wall for maximum performance.

IMPORTANT: Cutout Dimensions Are Critical. Refer to installation instructions packaged with product BEFORE making cutouts.

IMPORTANT: *Because of continuing product improvements, Jenn-Air reserves the right to change specifications without notice. Dimensional specifications are provided for planning purposes only. For complete details see installation instructions packed with product before selecting cabinetry, making cutouts or beginning installation.*

ELECTRIC DOWNDRAFT COOKTOP DIMENSION DIAGRAMS



Consult Ducting Guide for Proper Instruction

	A CUTOUT WIDTH		B CUTOUT DEPTH		C DUCT PLACEMENT		D DUCT PLACEMENT		E MIN. CABINET WIDTH	
	in	cm	in	cm	in	cm	in	cm	in	cm
CVEX4100	18 11/16	47.48	20 9/16	52.23	6 5/16	16.03	14 7/16	36.67	21	53.34
CVEX4270	30 7/16	77.34	20 9/16	52.23	17 3/4	45.08	14 7/16	36.67	33	83.82
CVEX4370	41 31/32	160.60	20 9/16	52.23	17 3/4	45.08	14 7/16	36.67	45	114.30

IMPORTANT
Dimensions shown in both Inches and Centimeters.
Dimension "A & B" – Tolerances ± 1/16" or ± .16 cm

NOTE
Where possible, 6" (15.24 cm) is recommended for motor blower service. Minimum clearance of 1" (2.54 cm) is required to sidewalls and ¾" (1.905 cm) to rear wall. Electrical Hookup – The unit must be properly circuit protected and wired according to local electrical codes.

These appliances have been designed in accordance with the requirements of various safety agencies and comply with the maximum allowable wood cabinet temperatures of 194°F. If these appliances are installed with cabinets that have a lower working temperature than 194°F, discoloration, delamination or melting may occur.

IMPORTANT: Cutout Dimensions Are Critical. Refer to installation instructions packaged with product BEFORE making cutouts.

ACCESSORIES

		DOWNDRAFT MODELS			
		ELECTRIC			GAS
	Model #	CVEX 4100	CVEX 4270	CVEX 4370	CVGX 2423
Wok	A0142	*	*	*	*
Big Pot Element[A] (2100W)[B]	A145A	*	*	*	
Big Pot Grate[C]	AG146				*
Griddle[D] (1300W)[B]	A0310	*	*	*	
Grill Covers[E]	A0345B/W		*	*	
Energy Saver Grill Assembly (2800W)[B]	A0330		*	*	
Excalibur® Finish Replacement Grill Grates[F]	AEX918	*	*	*	
Rotiss-Kebab	A0320	*	*	*	
Cartridges (side plug-in; use in open bay(s) and/or in place of grill)					
Conventional Coil (large element 2100W; small element 1250W)	AC110B/W	*	*	*	
Radiant Element (large element 2000W; small element 1200W)	AR141B/W	*	*	*	

*Accepts optional cartridge/accessory.

A. Raised element replaces large conventional coil element, for use with coil cartridge only.
B. Plug-in accessories rated 240V.
C. Elevates grate for large cooking pots.
D. Integral heating element, side plug-in.
E. All color-coordinated grill covers are tempered glass. One set of two included to cover grill (order to cover optional grill assembly (A0330) or Griddle (A0310) when not in use). May also be used as trivets.
F. Excalibur® is a registered trademark of Whitford Corp.

CIRCUIT PROTECTION SPECIFICATION GUIDE

Recommended Minimum		
K.W. Rating On Serial Plate	Circuit Protection In Amperes	Wire Size AWG
0 – 4.8	20	12
4.9 – 6.9	30	10
7.0 – 9.9	40	8
10.0 – 11.9	50	8
12.0 – 14.9	60	6

IMPORTANT: *Because of continuing product improvements, Jenn-Air reserves the right to change specifications without notice. Dimensional specifications are provided for planning purposes only. For complete details see installation instructions packed with product before selecting cabinetry, making cutouts or beginning installation.*

GAS DOWNDRAFT COOKTOP FEATURES AND SPECIFICATIONS	
MODEL #	**DOUBLE CVGX2423**
Overall Width (in)	34 1/8
Overall Depth (in)	21 1/8
Cutout Width (in)	33 5/8 ± 1/16
Cutout Depth (in)	20 9/16 ± 1/16
Blower Assembly Clearance (below countertop)[A] (in)	17 1/2 min.
Burner Rates (BTUs)[B,C]	Natural/LP
Right Front Burner	12,000/8,000
Right Rear Burner	6,500/4,500
Left Front Burner	6,500/4,500
Left Rear Burner	10,500/8,000
Total Connected Load[D] -KW (see chart on page 98)	0.45
Jenn-Air Platinum Warranty	•
Downdraft Ventilation[E]	•
Accepts Grill/Cooktop Accessories	•[F]
Countertop Installation	•
Island/Peninsula Installation	•
Double Cooktop	•
Variable-Speed Ventilation Fan	•
Four Fixed Sealed Burners	•
Flame-Sensing™ Automatic Re-ignition	•
Electronic Pilotless Ignition	•
Convertible to LP Gas[G]	•
Backlit Controls	•
Color Indicators *(add to end of model number)* B=Black, W=White	B,W
Available in Canada	•
Approximate Shipping Weight (lbs./kg)	75 / 34

- Feature included.

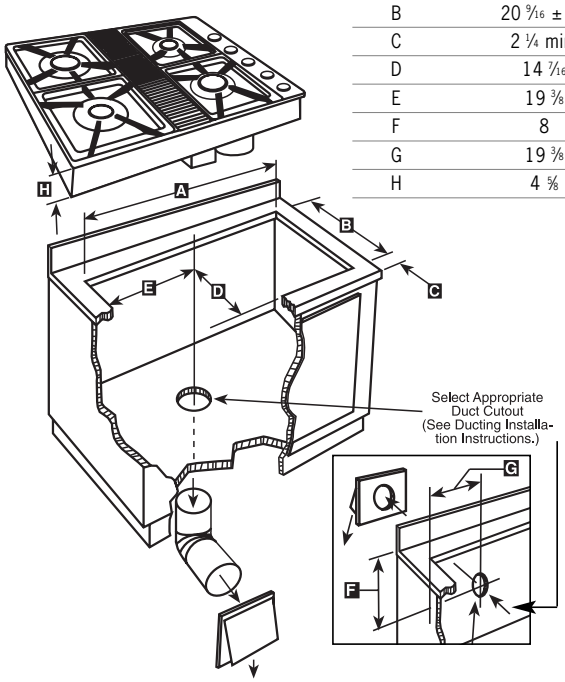
A. Blower can be swiveled 90° and vented down through cabinet or out back wall.
B. Regulator connection 1/2" N.P.T. (male pipe).
C. Burner simmer rates: right front, 1,600 BTUs; right rear, 800 BTUs; left front, 800 BTUs; left rear, 1,600 BTUs.
D. Gas models are UL listed for 3-wire 120 VAC.
E. Can vent up to 60 equivalent feet.
F. Model CVGX2423 accepts only the optional Wok, Model AO142, and Big Pot Grate, Model AG146, cooktop accessories.
G. Conversion kit shipped with product. It is recommended that a qualified servicer perform the conversion.

NOTE: Double gas cooktop, Model CVGX2423, may be combined with single electric grill cooktop, Model CVEX4100. Electric cooktop may be placed on either side of gas cooktop and accepts Expressions™ Collection electric cartridges and electric grill accessories. Trim Support Bracket, Model AO918, is required to combine the cooktops.

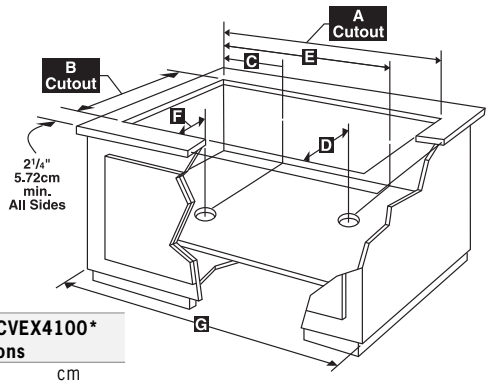
All Jenn-Air® appliances are appropriately UL, AGA, CSA or CGA approved.

GAS DOWNDRAFT COOKTOP DIMENSION DIAGRAMS

CVGX2423 Dimensions		
	in	cm
A	33 5/8 ± 1/16	85.41
B	20 9/16 ± 1/16	52.23
C	2 1/4 min.	5.72
D	14 7/16	36.67
E	19 3/8	49.21
F	8	20.32
G	19 3/8	49.21
H	4 5/8	11.75



Double Gas Cooktop With Single Electric Cooktop



CVGX2423 with CVEX4100* Dimensions		
	in	cm
A	52 15/16	134.46
B	20 9/16	52.23
C	6 5/16	16.03
D	14 7/16	36.67
E	38 3/4	98.42
F	6 1/16	15.39
G	55	139.70

IMPORTANT: Cutout Dimensions Are Critical. Refer to installation instructions packaged with product BEFORE making cutouts.

* This arrangement requires Trim Support Bracket AO918.

Dimensions shown above are for CVGX2423 and CVEX4100 combined. CVEX4100 single bay dimensions are shown on page 103 and 104. See chart on left for CVGX2423 dimensions.

IMPORTANT: *Because of continuing product improvements, Jenn-Air reserves the right to change specifications without notice. Dimensional specifications are provided for planning purposes only. For complete details see installation instructions packed with product before selecting cabinetry, making cutouts or beginning installation.*

ELECTRIC DOWNDRAFT COOKTOP FEATURES AND SPECIFICATIONS

	LANAI™GRILL				
MODEL #	**JED 7430AA**	**JED 8130AD**	**JED 8230AD**	**JED 8430AD**	**JED 8345AD**
	30"	**30"**	**30"**	**30"**	**45"**
Overall Width (in)	29 7/8	30	30	29 3/4	45
Overall Depth (in)	21 1/2	21 3/4	21 3/4	22	21 3/4
Cutout Width (in)	28 7/8	29	29	28 7/8	43 1/4
Cutout Depth (in)	20 15/16	21	21	21 1/8	21
Blower Assembly Clearance[A] (below countertop) (in)	15 5/8	13 13/16	13 13/16	17 1/2	13 13/16
Total Connected Load[B]-KW (see chart below)	6.0	8.0	8.0	7.0	12.1
Jenn-Air Platinum Warranty	•	•	•	•	•
Downdraft Ventilation[C]	•	•	•	•	•
Ventilation Fan	One Speed	Two Speed	Two Speed	Variable Speed	Two Speed
Indoor Grilling		•	•		•
Grill Assembly Included[D]	2	•	•		•
Grill Assembly Includes Removeable Porcelain Liner Pan		•	•		•
Excalibur® Nonstick Grill Grate Finish[D]	•	•	•		•
Accepts Grill Accessories[E]		•	•		•
Accepts Interchangeable Cartridges[F]		•	•		•
Accepts Wok Accessory[G]		•	•	•	•
Number of Bays Accept Grill[D]	2	1	2		2
Conventional Coil Elements Included[H]		2			
Quick-Start™ Radiant Elements Included[I]				3	
Custom Choice™ Dual Radiant Element Included[I]				1	
Glass-Ceramic Surface				•	
Backlit Controls				•	
Color Coordinated Control Knobs	•	•	•	•	•
"On" Indicator Lights	1	2	2		3
Hot Surface Indicator Lights				4	
Countertop Installation	•	•	•	•	•
Island/Peninsula Installation	•	•	•	•	•
UL Approved for Outdoor Installation Only w/Overhead Roof Protection	•				
Frameless Design				•	
Color Descriptions: B = Black porcelain, W = White porcelain, SB = Stainless steel, black accents, PWG = Pearl white glass (textured white surface on black glass), BT= Black textured glass, QT = Bisque textured glass	B	B,W	B,W,SB	BT,PWG,QT	B,W
Color Indicators (add to end of model number) B = Black, W= White, Q = Bisque, S = Stainless Steel	B	B,W	B,W,S	B,W,Q	B,W
Available in Canada		•	•	•	•
Approximate Shipping Weight (lbs./kg)	77/35	65/30	66/30	61/28	78/35

- • Feature included.
- A. Blower can be swiveled 90°.
- B. All electric models are UL listed and rated for 3-wire 120/240 VAC, 60 Hz.
- C. Can vent up to 60 equivalent feet. (See page 158 for ducting data)
- D. Model JED7430 is a grill-only cooktop and is shipped with two 2800W grill assemblies and grill rocks. Model JED8130 is shipped with one 1900W grill assembly and includes two fixed conventional coil elements. Model JED8230 is shipped with one 1900W grill assembly and one open bay. Purchase of a cartridge is required. Model JED8345 is shipped with one 1900W grill assembly and two open bays. Purchase of two cartridges is required. Models JED8230 and JED8345 accepts grill in both bays. Model JED8345 does not accept grill in far right bay. Grill grates are coated with Excalibur® finish. Excalibur® is a registered trademark of Whitford Corp.
- E. Electric grill accessories are designed for use ONLY with electric cooktops. Gas grill accessories are designed for use ONLY with gas cooktops. These accessories are not interchangeable. Accessories for electric grill include a griddle and one-piece grill cover.
- F. Choose model JEA7000 conventional coil element or model JEA8120 radiant element.
- G. Model A0142 wok is designed for use with gas surface burners and electric conventional coil and radiant elements.
- H. Model JED8130 is shipped with a grill assembly and includes one 8" and one 6" fixed coil elements (elements may be removed for cleaning). Conventional element wattage: 8"-2100; 6"-1250. An optional coil or radiant element cartridge may be used in place of the grill.
- I. Model JED8430 element wattage: LR, 8" - 2200; RR/LF, 6" – 1200; RF (dual element) 8" – 2200, 5" – 700.

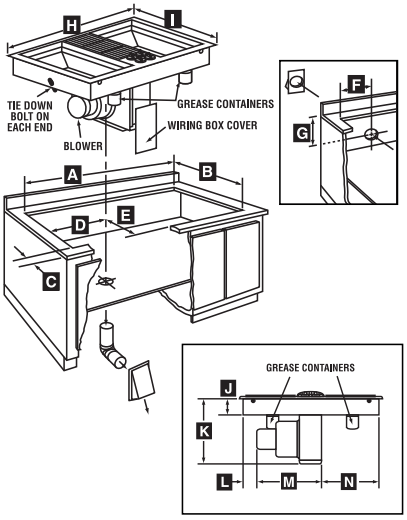
All cartridges and accessories are optional. All Jenn-Air® appliances are appropriately UL, AGA, CSA or CGA approved.

CIRCUIT PROTECTION SPECIFICATION GUIDE

Recommended Minimum		
K.W. Rating On Serial Plate	Circuit Protection In Amperes	Wire Size AWG
0 – 4.8	20	12
4.9 – 6.9	30	10
7.0 – 9.9	40	8
10.0 – 11.9	50	8
12.0 – 14.9	60	6

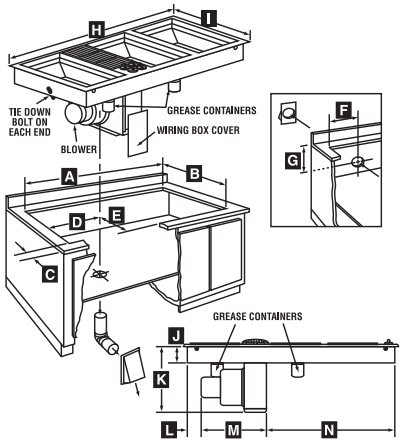
IMPORTANT: *Because of continuing product improvements, Jenn-Air reserves the right to change specifications without notice. Dimensional specifications are provided for planning purposes only. For complete details see installation instructions packed with product before selecting cabinetry, making cutouts or beginning installation.*

30/45" DOWNDRAFT COOKTOP DIMENSION DIAGRAMS



30" JED8130, JED8230 DIMENSIONS		
■	in	cm
A	29 ± 1/16	73.7 ± .2
B	21 ± 1/16	53.3 ± .2
C	1 7/8 min.	4.8
D	9 3/8 min. clear	23.8
E	7 9/16	19.2
F	9 3/8	23.8
G	13	33.0
H	30	76.2
I	21 3/4	55.2
J*	3 1/2 min.	8.9
K	13 13/16	35.1
L	2 min.	5.1
M	13 3/4	34.9
N	11 13/16	30.0

* Measured from top of countertop, not top of unit.



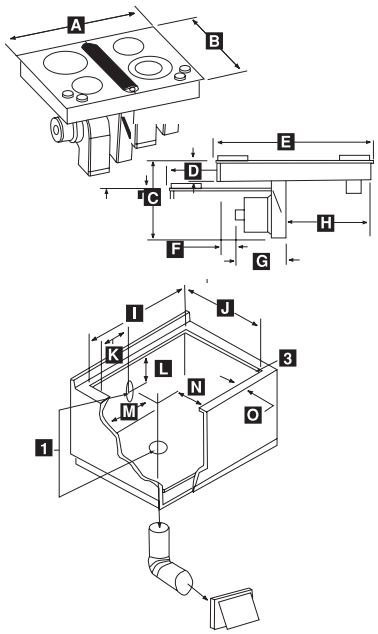
45" JED8345 DIMENSIONS		
■	in	cm
A	43 1/4 ± 1/16	109.9 ± .2
B	21 ± 1/16	53.3 ± .2
C	1 7/8 min.	4.8
D	9 3/8	23.8
E	7 9/16	19.2
F	9 3/8	23.8
G	13	33.0
H	45	114.3
I	21 3/4	55.2
J*	3 1/2 min.	8.9
K	13 13/16	35.1
L	2 min.	5.1
M	13 3/4	34.9
N	26 3/4	68.0

* Measured from top of countertop, not top of unit.

IMPORTANT: Cutout Dimensions Are Critical. Refer to installation instructions packaged with product BEFORE making cutouts.

IMPORTANT NOTE: When replacing a Jenn-Air® 48" cooktop (CVE4370 or CVG4380) with a Jenn-Air® 45" cooktop (JED8345 or JGD8345) using existing counter, a black or white trim ring to fill the countertop gap may be purchased by calling Micro-Trim at 714-241-7046 or 800-338-8746.

30" RADIANT DOWNDRAFT COOKTOP DIMENSION DIAGRAMS

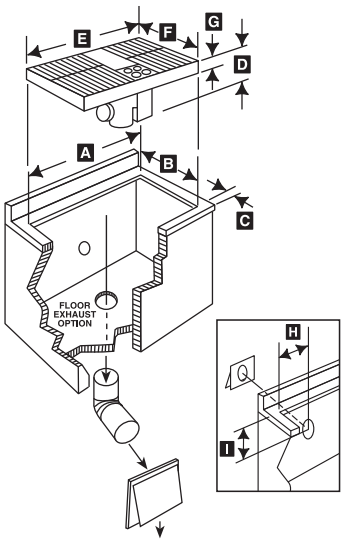


30" JED8430 DIMENSIONS		
■	in	cm
A	29 3/4	75.27
B	22	55.88
C	17 1/2 min. clear.	44.46 min. clear.
D	4 5/8	11.75
E	29 3/4	75.27
F[2]	2	5.08
G	12 1/2	31.75
H	12 1/2	31.75
I	28 7/8 ± 1/16	73.05 ± .16
J	21 1/8 ± 1/8	53.66 ± .32
K	10	25.40
L	16 1/2	41.75
M	10	25.40
N	6 5/8	16.13
O	2 min.	5.08 min.

NOTES:

1. Select appropriate duct cutout. Blower may be rotated for horizontal or vertical direction by loosening nuts around the blower inlet (see ducting instructions).
2. Minimum cabinet to motor clearance for cooling purpose.
3. Slightly radius corners of cutout and file to ensure smooth edges and prevent corner cracking.

30" LANAI™ DOWNDRAFT COOKTOP DIMENSION DIAGRAMS



30" JED7430 DIMENSIONS		
■	in	cm
A	28 7/8 ± 1/16	73.34 ± .2
B	20 15/16 ± 1/16	53.18 ± .2
C	1 7/8 min.	4.76
D	15 5/8 min. clear	39.69
E	29 7/8	75.88
F	21 1/2	54.61
G*	3	7.62
H	9 3/8	23.72
I	13	33.02

* Measured from top of countertop, not top of unit.

IMPORTANT: Cutout Dimensions Are Critical. Refer to installation instructions packaged with product BEFORE making cutouts.

IMPORTANT: *Because of continuing product improvements, Jenn-Air reserves the right to change specifications without notice. Dimensional specifications are provided for planning purposes only. For complete details see installation instructions packed with product before selecting cabinetry, making cutouts or beginning installation.*